

**AMENDMENTS TO THE CLAIMS**

**This listing of claims will replace all prior versions and listings of claims in the application:**

**LISTING OF CLAIMS:**

1. (currently amended): A process for polymerization of  $\alpha$ -olefin in multi-stage polymerization process and in at least two serially arranged polymerization reactors including a gas phase polymerization reactor, the process comprising;

drawing out polyolefin particles from a polymerization reactor, and

transferring the polyolefin particles into the interior of fluidized bed of a gas phase polymerization reactor of the next stage, and into lower than a half of height from the bottom to the surface of the fluidized bed,

wherein the polymerization reactor is a gas phase reactor.

2. (original): The process according to claim 1, wherein  $\alpha$ -olefin is at least one selected from the group consisting of  $\alpha$ -olefins having from 2 to 8 carbon atoms.

3. (original): The process according to Claim 1, wherein transferring into lower than one-fifth of height from the bottom to the surface of the fluidized bed.

4. (canceled).

5. (original): The process according to Claim 1, wherein transferring is intermittently transferring.

6. (original): The process according to Claim 5, wherein the intermittent transferring is conducted by opening and closing ~~the~~ a valve.